

Title (en)

DISPLAY APPARATUS AND CONTROL METHOD THEREOF

Title (de)

ANZEIGEVORRICHTUNG UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

AFFICHEUR ET SON PROCÉDÉ DE COMMANDE

Publication

EP 3273434 A1 20180124 (EN)

Application

EP 17167695 A 20170424

Priority

KR 20160090697 A 20160718

Abstract (en)

A display apparatus and a control method thereof are provided. The display apparatus includes: a display panel including a plurality of pixels; a storage configured to store a plurality of lookup tables respectively corresponding to a plurality of gamma values; and a processor configured to determine a lookup table, from among the plurality of lookup tables, to be applied to each of the plurality of pixels based on a location of each of the plurality of pixels on the display panel, and determine a brightness value of each of the plurality of pixels using the determined lookup table.

IPC 8 full level

G09G 3/20 (2006.01)

CPC (source: EP KR US)

G09G 3/20 (2013.01 - EP US); **G09G 3/2074** (2013.01 - US); **G09G 3/36** (2013.01 - KR); **G09G 5/06** (2013.01 - KR US);
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G09G 2320/0285 (2013.01 - EP US); **G09G 2320/0626** (2013.01 - KR US); **G09G 2320/0666** (2013.01 - US);
G09G 2320/0673 (2013.01 - EP KR US); **G09G 2320/068** (2013.01 - KR); **G09G 2320/0686** (2013.01 - EP US); **G09G 2360/16** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 17167695 A 20170424; CN 201710532141 A 20170703; KR 20160090697 A 20160718; US 201715492601 A 20170420